

DECLARATION FOR PATENT APPLICATION AND APPOINTMENT OF ATTORNEY

As below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention (Design, if applicable) entitled:

A WIDEBAND DEVICE MODELING METHOD

the specification of which (check one):



is attached hereto, or

 was filed on:

as U.S. Application Number or PCT International

Application Number:

and (if applicable) was amended on:

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in *Title 37, Code of Federal Regulations, 1.56*. I hereby claim foreign priority benefits under *Title 35, United States Code 119* of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

| PRIOR FOREIGN APPLICATION(S) | | | PRIORITY CLAIMED | |
|------------------------------|---------|----------------------|------------------|----|
| Number | Country | Day/Month/Year Filed | Yes | No |
| | | | | |
| | | | | |

 Additional Priority Application(s) Listed on Following Page(s)I HEREBY CLAIM THE BENEFIT UNDER **TITLE 35 U.S. CODE 119(E)** OF ANY U.S. PROVISIONAL APPLICATIONS LISTED BELOW.

| Application Number | Day/Month/Year Filed |
|--------------------|----------------------|
| | |
| | |

 Additional Provisional Application(s) Listed on Following Page(s)

I hereby claim the benefit under *Title 35, United States Code, 120* of any United States application(s) or PCT international application(s) designating The United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of *Title 35, United States Code, 112*, I acknowledge the duty to disclose information which is material to patentability as defined in *Title 37, Code of Federal Regulations, 1.56* which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

| Application Number | Filing Date | Status - Patented, Pending or Abandoned |
|--------------------|-------------|---|
| | | |
| | | |

 Additional US/PCT Priority Application(s) listed on Following Page(s)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under *section 1001 of title 18 of the United States Code* and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: I (We) hereby appoint as my (our) attorneys, with full powers of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Dennison, Schultz & Dougherty

I/we) authorize my(our) attorneys to accept and follow instructions from Asian Pacific INT'L Patent & Trademark Office regarding any matter related to the preparation, examination, grant and maintenance of this application, any continuation, continuation-in-part or divisional based thereon, and any patent resulting therefrom, until I(we) or my(our) assigns withdraw this authorization in writing.

Send correspondence to:

612 Crystal Square 4, 1745 Jefferson Davis Highway, Arlington, Virginia 22202-3417, U.S.A.

Telephone Calls to:

(703)412-1155-17

| | |
|--|--|
| FULL NAME OF FIRST OR SOLE INVENTOR | CITIZENSHIP |
| Yung-Jane HSU | Taiwan, R.O.C. |
| RESIDENCE ADDRESS | POST OFFICE ADDRESS IS THE SAME AS RESIDENCE ADDRESS UNLESS OTHERWISE SHOWN BELOW |
| 4F.-4, No.10, Lane 175, Wuling Rd., Hsinchu City Taiwan, R.O.C. | |
| DATE | SIGNATURE |
| Nov. 19, 2003 |  |

 See following page(s) for additional joint inventors.

CONTINUATION OF DECLARATION FOR PATENT APPLICATION AND APPOINTMENT OF ATTORNEY

Page 2

| PRIOR FOREIGN APPLICATION(S) (35 USC 119) | | | PRIORITY CLAIMED | |
|---|---------|----------------------|------------------|----|
| Number | Country | Day/Month/Year Filed | Yes | No |
| | | | | |
| | | | | |

| PRIOR PROVISIONAL APPLICATIONS 35 U.S. CODE 119(e) | |
|--|----------------------|
| Application Number | Day/Month/Year Filed |
| | |
| | |

| PRIOR U.S. OR PCT INTERNATIONAL APPLICATIONS (35 U.S. CODE 120) | | |
|---|-------------|---|
| Application Number | Filing Date | Status - Patented, Pending or Abandoned |
| | | |
| | | |

| | |
|--|---|
| FULL NAME OF JOINT INVENTOR Ming-Hsiang CHIOU | CITIZENSHIP Taiwan.R.O.C |
| RESIDENCE ADDRESS No.10, Alley 1, Lane 80, Guanghua 2nd St., Hsinchu City , Taiwan, R.O.C. | POST OFFICE ADDRESS IS THE SAME AS RESIDENCE ADDRESS UNLESS OTHERWISE SHOWN BELOW |
| DATE Nov. 19, 2003 | SIGNATURE  |

| | |
|-----------------------------|---|
| FULL NAME OF JOINT INVENTOR | CITIZENSHIP |
| RESIDENCE ADDRESS | POST OFFICE ADDRESS IS THE SAME AS RESIDENCE ADDRESS UNLESS OTHERWISE SHOWN BELOW |
| DATE | SIGNATURE |

| | |
|-----------------------------|---|
| FULL NAME OF JOINT INVENTOR | CITIZENSHIP |
| RESIDENCE ADDRESS | POST OFFICE ADDRESS IS THE SAME AS RESIDENCE ADDRESS UNLESS OTHERWISE SHOWN BELOW |
| DATE | SIGNATURE |

| | |
|-----------------------------|---|
| FULL NAME OF JOINT INVENTOR | CITIZENSHIP |
| RESIDENCE ADDRESS | POST OFFICE ADDRESS IS THE SAME AS RESIDENCE ADDRESS UNLESS OTHERWISE SHOWN BELOW |
| DATE | SIGNATURE |

See following pages for additional joint inventors/priority applications.

VERIFIED STATEMENT (DECLARATION) BY AN INDEPENDENT INVENTOR
CLAIMING SMALL ENTITY STATUS UNDER 37 CFR 1.9(f) AND 1.27(b)Applicant or Patentee: **Frontend Analog and Digital Technology Corporation**

Docket #:

Serial or Patent Number:

Group Art Unit:

Filed or Issued:

Examiner:

Title: **A WIDEBAND DEVICE MODELING METHOD**

As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees to the Patent and Trademark Office with regard to the matter described in:

The specification filed herewith, with the title as listed above.
 The patent application identified above.
 The PCT international patent application identified above.
 The patent number identified above.

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license any rights in the invention to any person who could not be classified as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern or organization to which I have assigned, granted, conveyed or licensed or am under an obligation under contract or law to assign, grant, convey or license any rights in the invention is listed below:

no such person, concern or organization.
 each such person, concern or organization listed below. **Note:** Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities (37 CFR 1.27).

FULL NAME: **Frontend Analog and Digital Technology Corporation**

Individual
 Small Business Concern
 NonProfit Organization

ADDRESS: **6F., No. 34-1, Jioucyuan St., Datong District,
Taipei City, Taiwan, R.O.C.**

FULL NAME:

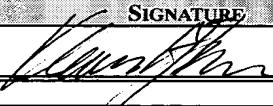
Individual
 Small Business Concern
 NonProfit Organization

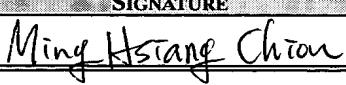
ADDRESS:

See attached sheet for additional person(s) concern(s) or organization(s).

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate (37 CFR 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine, or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which the verified statement is directed.

| INVENTOR'S NAME | DATE | SIGNATURE |
|-----------------|---------------|--|
| Yung-Jane HSU | Nov. 19, 2003 |  |

| INVENTOR'S NAME | DATE | SIGNATURE |
|------------------|---------------|--|
| Ming-Hsiang CHIU | Nov. 19, 2003 |  |

| INVENTOR'S NAME | DATE | SIGNATURE |
|-----------------|------|-----------|
| | | |

| INVENTOR'S NAME | DATE | SIGNATURE |
|-----------------|------|-----------|
| | | |

6PDXWVCH

**VERIFIED STATEMENT (DECLARATION) BY A SMALL BUSINESS
CLAIMING SMALL ENTITY STATUS UNDER 37 CFR 1.9(f) AND 1.27(c)**

Applicant or Patentee: **Frontend Analog and Digital Technology Corporation**

Docket #:

Serial or Patent Number:

Group Art Unit:

Filed or Issued:

Examiner:

Title: **A WIDEBAND DEVICE MODELING METHOD**

I hereby declare that I am

the owner of the small business concern identified below:
 an official of the small business concern empowered to act on behalf of the concern identified below:

Name of Concern: **Frontend Analog and Digital Technology Corporation**

Address: **6F., No. 34-1, Jioucyuan St., Datong District, Taipei City, Taiwan, R.O.C.**

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in *13 CFR 121.3-18*, and reproduced in *37 CFR 1.9(d)*, for purposes of paying reduced fees under *section 41(a) and (b) of Title 35, United States Code*, in that the number of employees of the concern, including those of its affiliates, **does not exceed 500 persons**. For purposes of this statement, (1) the number of employees is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the matter described in:

The specification filed herewith, with the title as listed above.
 The patent application identified above.
 The PCT International patent application identified above.
 The patent number identified above.

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights to the invention must file separate verified statements averring to their status as small entities, and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under *37 CFR 1.9(c)* if that person made the invention, or by any concern who would not qualify as a small business concern under *37 CFR 1.9(d)*, or a nonprofit organization under *37 CFR 1.9(e)*. Each person or organization having any rights in the invention is listed below:

no such person, concern or organization.
 each such person, concern or organization listed below:

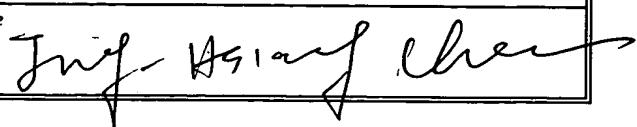
| | |
|-------------------|---|
| <i>FULL NAME:</i> | <input type="checkbox"/> Individual <input type="checkbox"/> Small Business Concern <input type="checkbox"/> NonProfit Organization |
| <i>ADDRESS:</i> | |

| | |
|-------------------|---|
| <i>FULL NAME:</i> | <input type="checkbox"/> Individual <input type="checkbox"/> Small Business Concern <input type="checkbox"/> NonProfit Organization |
| <i>ADDRESS:</i> | |

See attached sheet for additional person(s) concern(s) or organization(s).

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate (*37 CFR 1.28(b)*).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine, or imprisonment, or both, under *section 1001 of Title 18 of the United States Code*, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which the verified statement is directed.

| | |
|---|---|
| Name and Title Jung-Hsiang CHEN | Date Nov. 19, 2003 |
| Address 6F., No.34-1, Jioucyuan St., Datong District, Taipei City, Taiwan, R.O.C. | Signature  |